



## **SUMMER ASSIGNMENTS FOR STUDENTS ENTERING GRADE 8** **FROM ADVANCED PRE-ALGEBRA WITH MRS. MCGUIRE**

### **SUMMER IXL MATH ASSIGNMENTS**

The material below should be review/reinforcement. If a refresher is needed, please try [www.khanacademy.org](http://www.khanacademy.org). You do not need to join Khan Academy. Simply hover at the top of the home page and a search bar will appear. Type in the topic of interest, for example, proportions. Most skills will be reviewed via a video tutorial. Please email Mrs. McGuire at [emcguire@lcsaints.com](mailto:emcguire@lcsaints.com) with questions. Completion of these skills is mandatory and will be assessed as the first homework grade of the 2019 – 2020 school year.

#### **To be completed at the level indicated no later than June 30:**

<b>Heading</b>	<b>Skill</b>	<b>Description of Skill</b>
8th grade: Operations with Integers	C4	Adding and subtracting 3 or more integers
Rational Numbers	D8	Put rational numbers in order
8th grade: Exponents and roots	F12	Evaluating exponential expressions using properties of exponents
8th grade: Percents	J3	Find what percent one number is of another
8th grade: Percents	J11	Percent of change: word problems
8th grade: One variable equations	W1	Which x satisfies the equation?
8th grade: One variable equations	W2	Write equations from words
8th grade: One variable equations	W9	Solve equations involving like terms

#### **To be completed at the level indicated no later than July 31:**

<b>Heading</b>	<b>Skill</b>	<b>Description of Skill</b>
8th grade: Geometric measurement	T3	Area and perimeter word problems
8th grade: Probability	EE1	Probability of simple events
Algebra 1: Data and graphs	N1	Interpreting bar graphs, line graphs, and histograms
Algebra 1: Data and graphs	N3	Circle graphs
Algebra I: Linear Functions	S3	Find the slope between two points
Algebra I: Properties	H2	Distributive property
Algebra I: Properties	H3	Simplify variable expressions using properties
Algebra I: Scientific notation	W2	Compare numbers written in scientific notation

\*Please Note: Occasionally IXL adds skills over the summer, which affects the skill numbers. When in doubt, follow the description of the skill, rather than the skill number.

### **SUMMER READING ASSIGNMENTS**

1. Read one fiction book of your choice at or above the Grade 7 reading level.
2. *Me to We* by Craig Kielburger and Marc Kielburger, provided to students by LCA.



## **SUMMER MATH AND READING ASSIGNMENTS**

The following is an overview of your child's required math and reading assignments for the summer months. Please see the assignment sheets for each grade level, posted on our website, for a more detailed summary of summer assignments

### **SUMMER IXL MATH ASSIGNMENTS**

Every child who is entering grades 2 – 8 will be expected to complete a series of IXL math exercises. Please note that, unless otherwise indicated, the exercises are to be completed at the grade level your child is now finishing. Students should work until they have received a Smart Score of 80. As you will notice, some of the skills must be completed by June 30 and the remaining skills by July 31. Your child's current math teacher will be monitoring this site during the summer; however, it is your child's responsibility to complete the assignments. Successful completion of these exercises in grades 5-8 will be counted as a first quarter grade. Progress will be monitored and noted for students in grades 2-4.

### **SUMMER READING ASSIGNMENTS**

Every child entering grades 1 – 8 is expected to complete a summer reading assignment. Upon completion of each book, students in grades 2 – 4 are asked to complete an activity from the Summer Reading Tic-Tac-Toe form, found on our website. Students in grades 5-8 are asked to complete one fiction and one non-fiction book report form, also found on our website. These completed forms **must be submitted by Tuesday, September 3<sup>rd</sup>**. Please note that separate requirements for students entering grade 1 are found on their assignment sheet.

Book reports will count toward the first quarter reading grade. Students in grades 5-8 will be graded using the rubric found with the summer reading assignments on our website.

We are confident that the summer math and reading assignments will help our students to keep their skills fresh, while also allowing for plenty of time to relax and refresh.

We wish you and your family a wonderful summer!

Brenna Warrell  
Principal